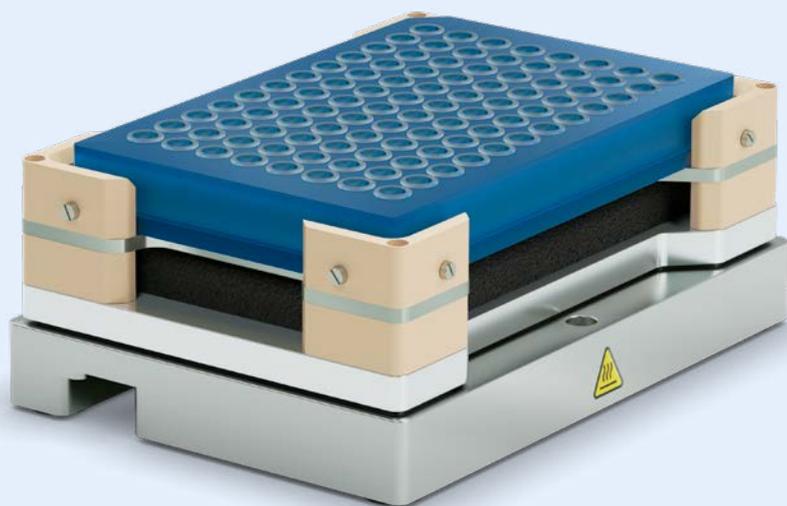


Heating & Shaking

Teleshake 95



⊕ Benefits

- ▶ Very compact low-profile design
- ▶ Secure & flexible plate fixation
- ▶ Central zero selfpositioning
- ▶ Ideal rpm for 96/384 plates
- ▶ Low-speed start-up

⊕ Function

- ▶  Heating up to 125°C
- ▶  Orbital/linear shaking

Teleshake 95 – heated shaker

High performance, low profile compact heater-shaker for integration onto robotic workstations



Teleshake 95

Product Description

The Teleshake 95 is one of the most compact temperature controlled shakers with a height of only 55mm for a comprehensive selection of standard ANSI/SLAS format plates. The Teleshake 95 is made for a wide temperature range from 5K above ambient to 125°C. The automated zero positioning allows a comfortable robotic gripping. Plates are securely fixed during shaking with a mechanism that is easily adaptable for different plate formats. Shaking frequency (100-1.800rpm) and shaking pattern (linear & orbital) is comfortably adjusted. A low-speed startup process prevents spillage.



7100136 Teleshake 95

Features

- Temperature range from 5K above ambient to +125°C
- Secure & flexible plate fixation
- Ideal frequency for 96 & 384 plates
- Also for vials and reservoirs
- Shaking frequency range: 100 to 1.800 RPM
- Zero positioning function for comfortable robotic gripping
- Very compact low-profile design
- Low-speed start-up prevents spillage

The Teleshake 95 is used for the operation with a vast number of established LabAutomation systems, for example:

Agilent:	Bravo
Beckman:	Biomek 3000, 4000 FX, NX
Perkin Elmer:	JANUS, Multiprobe II, Sciclone, Zephyr
Hamilton:	Star Line, Nimbus, Vantage
Tecan:	Freedom EVO, Genesis, TEMO, Fluent
Protodyne:	BioCube
Xiril:	75, 100, 150 Series
Zinsser:	Lissy

Product	Part No.	Dimensions W x D x H (mm)	RPM	Amplitude	Temperature range
Teleshake 95	7100136	103 x 146 x 55	100 - 1.800	2 mm	ambient +5K to +125°C



7100146 Thermoshake

Alternatives

For the heated and **cooled** shaker unit Thermoshake, we refer to the Heating, Cooling & Shaking (Thermoshake) brochure. The Thermoshake accelerates cool down rates from high temperatures and allows temperature control below ambient conditions.

Verification Plate

INHECO offers a compact and precise measurement plate (IMP) in ANSI/ SLAS format for verification of temperature and/or shaking performance. The IMP can be used on heating, cooling, shaking devices and inside incubation chambers. We refer to the IMP brochure for more information.



7901000: INHECO Measurement Plate

Product	Part No.	Dimension W x D x H (mm)	Weight	Temp. Range
IMP	7901000	87.5 x 128 x 14.9	100 g	+4°C to 60°C

Main Specifications

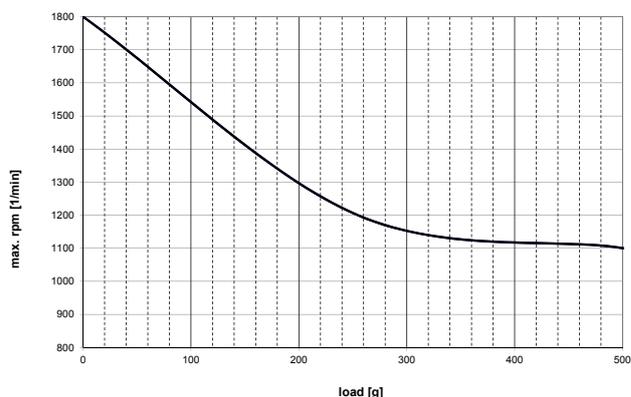
Specifications	7100136
Accuracy at 37°C target temperature *	±0,3°C
Uniformity at 37°C target temperature*	±0.2°C
Max. RPM**	1.800
Amplitude (mm)	2
Input	24Vdc ± 10%
Heating capacity	100W
Ambient temperature	+15°C to +32°C

* Data refer to 96 well flat bottom microplate at 22°C ambient temperature

** RPM depending on shaker load refer to performance curve on the right

Performance Curve

max. orbital shaking speed at different loads



Controller & Accessoires

For single units, the power supply and temperature setting/control is performed through the INHECO Single TEC Control unit (STC). For multiple (up to six) INHECO heating & cooling units – incl. Teleshake 95 – an INHECO Multi TEC Control unit (MTC, with display) or MTC Compact (no display) is used and each device is controlled individually. A slot module is required to connect the Teleshake 95 to the STC/ MTC.

For optimal temperature transfer an adapter is needed except for flat bottom plates. On our website, you will find a list of existing adapter variants for a broad range of disposables with or without insulation. In case you need an adapter for your disposable which is not yet on the list, we offer to custom design and manufacture it on request.



8900029: MTC Compact
8900031: Single TEC Control (STC)
8900030: Multi TEC Control (MTC)

Accessories

Product	Part No.
MTC Compact	8900029
Multi TEC Control (MTC)	8900030
Single TEC Control (STC)	8900031
Black Slot Module	2400125
INHECO Measurement Plate	7901000
External ambient Sensor**	2400140

Adapter Plates*

Product	Part No.
96 well PCR plate	3201085
384 well PCR plate	3201086

* Over 100 adapters are available for perfect fit of a wide range of disposables. They are listed on our website. We also customize upon request

The Teleshake 95 comes with a flat bottom adapter which can only be used for flat bottom plates



3201085: Adapter 96 PCR

** Monitoring/tracking of ambient temperature and humidity

INHECO GmbH
Fraunhoferstrasse 11
82152 Martinsried
Germany

Tel.: +49 89 89 95 93-120
Fax: +49 89 89 95 93-149
sales@inheco.com
www.inheco.com

Drawings

